



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|-----------------------|------------------------------------------------------------------------------------------------------------|-----------|------------|
| In re application of: | Ronald N. Caron Peter W. Robinson Derek E. Tyler Andreas Bögel Hans-Achin Kuhn Joerg Seeger | Docket: | 102350-200 |
| Serial No.: | 10/657005 | Art Unit: | 1742 |
| Filed: | September 5, 2003 | Examiner: | Ip, Sikyin |
| Assignee: | Olin Corporation and Wieland-Werke AG | Conf. No. | 1736 |
| Title: | AGE-HARDENING COPPER-BASE ALLOY AND PROCESSING | | |

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

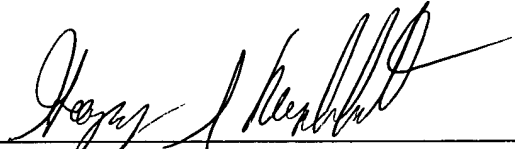
Dear Sir:

In keeping with the duty of candor and good faith owed to the Patent and Trademark Office, Applicants made of record the items on attached PTO Form 1449 that were cited by the World Intellectual Property Organization (WIPO) during examination of a corresponding International patent application. A copy of Applicants' October 17, 2005 submission to the USPTO is appended. Applicants now include English translations of four Japanese patent documents previously submitted. The enclosed Form PTO-1449 has been amended to indicate translations were provided.

The undersigned represents that the closest art of which he is presently aware has been cited herein and understands that this statement shall not be construed as representation that no better art exists or that a thorough patentability search has been made.

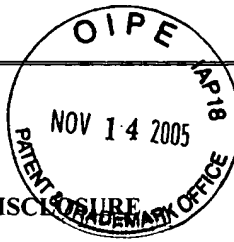
Respectfully submitted,
Ronald N. Caron et al.

Date: November 10, 2005



Gregory S. Rosenblatt, Reg. No. 32,489

CONTACT INFORMATION:
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INFORMATION DISCLOSURE

ATTY. DOCKET NO.

102350-200

SERIAL NO.

10/657,005

APPLICANT(S):

RONALD N. CARON ET AL.

FILING DATE:

SEPT. 5, 2003

GROUP ART:

1742

CONF NO:

1736

U.S. PATENT DOCUMENTS

| EXAMINER INITIALS | DOCUMENT No. | ISSUE DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPR. |
|----------------------|-----------------|------------|-----------------|-------|----------|-------------------------|
| | 4871399 | 10/1989 | Sugawara et al. | 148 | 11.5 C | |
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FOREIGN PATENT DOCUMENTS

| EXAMINER INITIALS | DOCUMENT No. | PUBLICATION DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|----------------------|-------------------|---------------------|---------|-------|----------|-----------------------|
| | JP62- 263942 | 11/1987 | Japan | | | YES |
| | JP09- 263864 | 10/1997 | Japan | | | YES |
| | JP2001- 181759 | 07/2001 | Japan | | | YES |
| | JP2002- 038246 | 02/2002 | Japan | | | YES |
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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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EXAMINER:

DATE CONSIDERED:

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Ronald N. Caron
Peter W. Robinson
Derek E. Tyler
Andreas Bögel
Hans-Achin Kuhn
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Docket: 102350-200

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Examiner: Ip, Sikyin

Assignee: Olin Corporation and
Wieland-Werke AG

Conf. No. 1736

Title: AGE-HARDENING COPPER-BASE ALLOY AND PROCESSING

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, please find enclosed an Information Disclosure Statement, Form PTO-1449 and one copy of each cited reference. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

CERTIFICATE OF MAILING OR TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being:

- ☒ deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
- ☐ transmitted by facsimile on the date shown below to the United States Patent and Trademark Office via facsimile at (571) 273-8300.

October 17, 2005

Signed: 

Gregory S. Rosenblatt

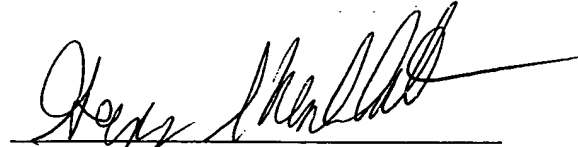
- ☒ 1. This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.
- ☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
- ☐ a. Each item of information contained on Form PTO-1449 filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(1); and no fee is required under 37 C.F.R. §1.17(p).
- ☐ b. No item of information cited on Form PTO-1449 filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2); and no fee is required under 37 C.F.R. §1.17(p).
- ☐ Please charge Deposit Account No. 23-1665 in the amount of \$180.00 in payment of the fee under 37 C.F.R. §1.17(p). Two additional copies of this Information Disclosure Statement are enclosed.
- ☐ A check in the amount of \$180.00 is attached hereto in payment of the fee under 37 C.F.R. §1.17(p).
- ☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. It is hereby requested that the Information Disclosure Statement be considered.

- ☐ a. Each item of information contained on Form PTO-1449 filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(1).
- ☐ b. No item of information cited on Form PTO-1449 filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2).
- ☐ Please charge Deposit Account No. 23-1665 in the amount of \$180.00 in payment of the fee under 37 C.F.R. §1.17(p). Two additional copies of this Information Disclosure Statement are enclosed.
- ☐ A check in the amount of \$180.00 is attached hereto in payment of the fee under 37 C.F.R. §1.17(p).

The undersigned represents that the closest art of which he is presently aware has been cited herein and understands that this statement shall not be construed as a representation that no better art exists or that a thorough patentability search has been made.

The undersigned further represents that the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

Respectfully submitted,
Ronald N. Caron, et al.



Gregory S. Rosenblatt
Reg. No. 32,489

Date: October 17, 2005

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Dear Sir:

In keeping with the duty of candor and good faith owed to the Patent and Trademark Office, Applicant wishes to make of record the items on attached PTO Form 1449 which were cited on an International Preliminary Examination Report (IPER) for corresponding PCT Application No. PCT/US03/27856. A copy of the IPER is enclosed. The Date of Mailing of the IPER was October 4, 2005. Copies of the international patents and published patent applications, including other documents, are provided in accordance with 37 CFR §1.98.

1. U.S. Patent No. 4871399, which issued October 3, 1989 to Sugawara ET AL.
2. Japanese Patent Publication JP62-0263942, which was published on November 16, 1987 and the Applicant is Hitachi Metals Ltd.
3. Japanese Patent Publication JP09-263864, which was published on October 7, 1997 and the Applicant is Kobe Steel Ltd.

4. Japanese Patent Publication JP2001-181759, which was published on July 3, 2001 and the Applicant is Nippon Mining Co.
5. Japanese Patent Publication JP2002-038246, which was published on February 6, 2002 and the Applicant is Furukawa Electric Co., Ltd.

The relevancy of these documents is that they were cited on the Search Report of a foreign patent application corresponding the present application. A brief description of the relevance of these documents i found on the last two pages of the attached IPER.

The undersigned represents that the closest art of which he is presently aware has been cited herein and understands that this statement shall not be construed as representation that no better art exists or that a thorough patentability search has been made.

Respectfully submitted,
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